

## ECS Configuration Change Request

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CCR No. <u>98-0414</u>	Logged Date <u>4/1/98</u>	Rev. <u>-</u>	Request Type <u>CCR</u>
Priority <u>Routine</u> <input type="checkbox"/> <input type="checkbox"/> Emergency <input checked="" type="checkbox"/>	Affected Release <u>2.0</u>	Change Class <u>INS</u>	
Title (description) Test SGI mount patch on VATC HiPPI hosts			
Documents Affected None		Source Nos (RID, NCR, Action Item, GSFC CCR, etc.) or Tech Reference None	
RTM Change <input type="checkbox"/> Start New Baseline <input type="checkbox"/>			
Problem BDS still does not work. One of the problems is an error that occurs when the mount command is issued at the client.			
Proposed Solution Patch 2143 reportedly fixes the problem. Request to install patch 2143 as soon as possible on t1acg01, t1drg01, t1spg01 and t1wkg01.  NOTE: This patch does <i>not</i> require a reboot and should be transparent to users.  <div style="text-align: right;"><i>Need Date: 4/1/98</i></div>			
<b>Impact Analysis:</b> Organizations Affected: BOO <input type="checkbox"/> Contracts <input type="checkbox"/> ECS Chief Eng <input type="checkbox"/> FOS <input type="checkbox"/> M&O <input checked="" type="checkbox"/> Procurement <input type="checkbox"/> QO <input type="checkbox"/> Rel. Dev <input type="checkbox"/> Rel. A <input type="checkbox"/> Rel. C <input type="checkbox"/> SCDO Arch. <input type="checkbox"/> Science Off <input type="checkbox"/> Security <input type="checkbox"/> Subcontract <input type="checkbox"/> Sys. Eng <input checked="" type="checkbox"/> Sys Verif Acpt <input type="checkbox"/>			
Cost: None <input checked="" type="checkbox"/> Small <input type="checkbox"/> Medium <input type="checkbox"/> Large <input type="checkbox"/> (Not exceeding \$100,000) (\$100,000 to \$500,000) (Over \$500,000)			
Schedule: None <input checked="" type="checkbox"/> Other _____			
Additional LOC _____		Man-Months _____	
Materials _____			
Originator <u>Byron V. Peters</u>		<u>Byron V. Peters</u> Signature Date <u>04/01/98</u>	
Office <u>SED/HWE</u>		Office Manager <u>Radell J. Miller</u> Signature Date <u>4/1/98</u>	
Disposition <u>Approved</u> <input checked="" type="checkbox"/> Approved w/Comment <input type="checkbox"/> Forward <input type="checkbox"/> Disapproved <input type="checkbox"/>			
Comments:  <div style="text-align: right;">CCB Chairperson <u>[Signature]</u> Signature Date <u>4/1/98</u></div>			

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=====  
The checksum's (found through sum -r) of the files that you have received  
other than this README) are as follows:

11596 2 patchSG0002143  
20778 60 patchSG0002143.eoe\_man  
03114 175 patchSG0002143.eoe\_sw  
53593 3 patchSG0002143.idb  
=====

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## 1. Patch\_SG0002143\_Release\_Note

This release note describes patch SG0002143 to IRIX 6.2.

Patch SG0002143 replaces patches(es) SG0001499 and  
SG0001287.

### 1.1 Supported\_Hardware\_Platforms

This patch contains bug fixes for all platforms.

### 1.2 Supported\_Software\_Platforms

This patch contains bug fixes for mount(1m) on a system  
running IRIX 6.2. The software cannot be installed on other  
configurations.

### 1.3 Bugs\_Fixed\_by\_Patch\_SG0002143

This patch contains fixes for the following bugs in IRIX  
6.2. Bug numbers from Silicon Graphics bug tracking system  
are included for reference.

- o Add three new mount options for Bulk Data Service. See  
the fstab(4) man page. (bug #383918)
- o Add quota support for XFS file systems. mount now has  
an additional -o option qnoenforce which enables disk  
quota accounting, but disables limit enforcement. This  
is applicable only to XFS filesystems with IRIX 6.2  
patch SG0001278 or successor installed. See the  
fstab(4) man page. (rfe #313079)
- o The mount command now checks nfs options more  
carefully, to prevent options from being misinterpreted  
(e.g. "noacl" was interpreted as "noac" instead of  
being ignored) (bug #397047)
- o A new option has been added to the mount command to  
limit the number of parallel mount processes. (bug  
#399201)
- o The fstab(4) man page incorrectly stated that the quota  
option is for XFS and EFS filesystems only. It is valid  
for NFS filesystems as well. (bug #415912)

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#### 1.4 Subsystems\_Included\_in\_Patch\_SG0002143

This patch release includes these subsystems:

- o patchSG0002143.eoe\_man.unix
- o patchSG0002143.eoe\_sw.unix

#### 1.5 Installation\_Instructions

Because you want to install only the patches for problems you have encountered, patch software is not installed by default. After reading the descriptions of the bugs fixed in this patch (see Section 1.3), determine the patches that meet your specific needs.

If, after reading Sections 1.1 and 1.2 of these release notes, you are unsure whether your hardware and software meet the requirements for installing a particular patch, run inst. The inst program does not allow you to install patches that are incompatible with your hardware or software.

Patch software is installed like any other Silicon Graphics software product. Follow the instructions in your Software Installation Administrator's Guide to bring up the miniroot form of the software installation tools.

Follow these steps to select a patch for installation:

1. At the Inst> prompt, type  
install patchSGxxxxxxx  
where xxxxxxx is the patch number.
2. Initiate the installation sequence. Type  
Inst> go
3. You may find that two patches have been marked as incompatible. (The installation tools reject an installation request if an incompatibility is detected.) If this occurs, you must deselect one of the patches.  
Inst> keep patchSGxxxxxxx  
where xxxxxxx is the patch number.

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4. After completing the installation process, exit the inst program by typing  
Inst> quit

#### 1.6 Patch\_Removal\_Instructions

To remove a patch, use the versions remove command as you would for any other software subsystem. The removal process reinstates the original version of software unless you have

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specifically removed the patch history from your system.

versions remove patchSGxxxxxxx

where xxxxxxx is the patch number.

To keep a patch but increase your disk space, use the  
versions removehist command to remove the patch history.

versions removehist patchSGxxxxxxx

where xxxxxxx is the patch number.

1.7 Known\_Problems

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